



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 5

Complete if Known

Application Number	10/630875
Filing Date	July 30, 2003
First Named Inventor	Balthes, Garry E.
Group Art Unit	1771
Examiner Name	Unknown J Boyd
Attorney Docket Number	29595/82608

U.S. PATENT DOCUMENTS					
*Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JB	A.1	3,472,730	10-14-1969	Frigstad	
JB	A.2	3,600,262	08-17-1971	Frank	
JB	A.3	4,199,635	04-22-1980	Parker	
JB	A.4	4,263,247	04-21-1981	Berger, et al.	
JB	A.5	4,353,947	10-12-1982	Northcutt	
JB	A.6	4,372,800	02-08-1983	Oizumi, et al.	
JB	A.7	4,466,847	08-21-1984	Held	
JB	A.8	4,469,543	09-04-1984	Segal, et al.	
JB	A.9	4,539,253	09-03-1985	Hirschbuehler, et al.	
JB	A.10	4,731,276	03-15-1988	Manning, et al.	
JB	A.11	4,879,152	11-07-1989	Green	
JB	A.12	4,937,125	06-26-1990	Sammartin, et al.	
JB	A.13	4,966,642	10-30-1990	Zitzmann	
JB	A.14	5,085,928	02-04-1992	Krueger	
JB	A.15	5,098,778	03-24-1992	Minnick	
JB	A.16	5,141,804	08-25-1992	Riefler, et al.	
JB	A.17	5,151,583	08-25-1992	Held	
JB	A.18	5,258,087	11-02-1993	Symons	
JB	A.19	5,393,599	02-28-1995	Quantrille, et al.	
JB	A.20	5,444,959	08-29-1995	Tesch	
JB	A.21	5,486,256	01-23-1996	Romesberg, et al.	
JB	A.22	5,503,903	04-02-1996	Bainbridge, et al.	
JB	A.23	5,609,942	03-11-1997	Ray	
JB	A.24	5,624,728	04-29-1997	Hoopingarner, et al.	

EXAMINER	Jay Boyd	DATE CONSIDERED	3/29/04
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Sheet 2 of 5

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Examiner Name	Unknown → J Boyd
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A U.S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
JB	A.25	5,683,782	11-04-1997	Duchêne	
JB	A.26	5,709,925	01-20-1998	Spengler, et al.	
JB	A.27	5,833,304	11-10-1998	Daniel, et al.	
JB	A.28	5,853,843	12-29-1998	Patel, et al.	
JB	A.29	5,883,028	03-16-1999	Morman, et al.	
JB	A.30	5,888,610	03-30-1999	Fournier, et al.	
JB	A.31	5,892,182	04-06-1999	Newman	
JB	A.32	5,942,321	08-24-1999	Romesberg, et al.	
JB	A.33	6,048,809	04-11-2000	Brow, et al.	
JB	A.34	6,092,350	07-25-2000	Dumlao, et al.	
JB	A.35	6,117,519	09-12-2000	Burns	
JB	A.36	6,120,090	09-19-2000	Van Ert, et al.	
JB	A.37	6,124,222	09-26-2000	Gebreselassie, et al.	
JB	A.38	6,132,835	10-17-2000	Scholz, et al.	
JB	A.39	6,150,005	11-21-2000	Williams, et al.	
JB	A.40	6,156,146	12-05-2000	Cundiff	
JB	A.41	6,177,180 B1	01-23-2001	Bodine, et al.	
JB	A.42	6,180,206 B1	01-30-2001	Kain, Jr.	
JB	A.43	6,183,824 B1	02-06-2001	Padmanabhan, et al.	
JB	A.44	6,214,456 B1	04-10-2001	Boyd, et al.	
JB	A.45	6,257,616 B1	07-10-2001	Nowak, et al.	
JB	A.46	6,273,499 B1	08-14-2001	Guyon	
JB	A.47	6,286,145 B1	09-11-2001	Welchel, et al.	
JB	A.48	6,287,678 B1	09-11-2001	Spengler	
JB	A.49	6,309,732 B1	10-30-2001	Lopez-Anido, et al.	

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Sheet 3 of 5

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Group Art Unit	1771
Examiner Name	Unknown J Boyd
Attorney Docket Number	29595/82608

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JB	A.50	6,322,658 B1	11-27-2001	Byma, et al.	
JB	A.51	6,331,065 B1	12-18-2001	Wilms	
JB	A.52	6,368,702 B1	04-09-2002	Erickson	
JB	A.53	6,383,320 B1	05-07-2002	Gebreselassie, et al.	
JB	A.54	6,475,937 B1	11-05-2002	Preisler, et al.	
JB	A.55	6,500,369 B1	12-31-2002	Gorowicz, et al.	
JB	A.56	6,577,770 B1	06-10-2003	Martin, et al.	
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Group Art Unit	1771
Examiner Name	Unknown J Boyd
Attorney Docket Number	29595/82608

B FOREIGN PATENT DOCUMENTS						
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EXAMINER	Jay Boyd	DATE CONSIDERED	3/29/04
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Sheet 5 of 5

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First Named Inventor	Balthes, Garry E.
Group Art Unit	1771
Examiner Name	Unknown J Boyle
Attorney Docket Number	29595/82608

C OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JTB	C.1	Indiana Bio-Composites Products Brochure, FlexForm® Natural Fiber Composites.	
	C.2		
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	C.9		
	C.10		

EXAMINER	J Boyle	DATE CONSIDERED	3/29/04
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